

# **FILAMENT TEMPERATURE MEASURING DEVICE WITH FLUID VELOCITY AND TEMPERATURE COMPENSATOR SYSTEM**

## **ABSTRACT**

5        A temperature measuring device having a baffle for measuring the temperature of a moving filament is disclosed. The temperature measuring device includes a body having an inlet and an outlet for entry and exit of the moving filament. The baffle precedes the inlet, and includes at least one fin and at least one aperture adapted to reduce a fluid film associated with the moving filament.

10